

Converting Colors

$Y_{xy}(29.0003, 0.3700, 0.4055)$

Have a look what the booklet for
Yxy(29.0003, 0.3700, 0.4055)
contains.

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Color

Yxy(29.1486, 0.3702, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	9C9463
RGB	156, 148, 99
RGB Percent	61%, 58%, 39%
CMY	0.3882, 0.4196, 0.6119
CMYK	0.00, 0.05, 0.37, 0.39
HSL	52°, 22%, 50%
HSV	52°, 37%, 61%
XYZ	26.5522, 29.1486, 16.0231
YIQ	144.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

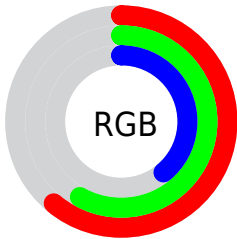
Format	Color
RYB	108, 156, 99
Decimal	10261603
CIELab	60.91, -4.66, 27.02
CIELCh	61, 27.417, 99.792
Yxy	29.1486, 0.3702, 0.4064
Android (android.graphics.Color)	4288451683 (0xFF9C9463)
YUV	144.8060, -22.5824, 9.8171
Hunter-Lab	53.9894, -6.6946, 20.1964

Details

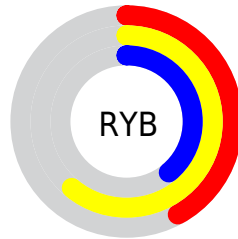
The Yxy color $29.1486, 0.3702, 0.4064$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.5613, 0.2501, 0.2374$, and the grayscale version is $28.3196, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2920, 0.3588, 0.3910$, and $11.9174, 0.3887, 0.4340$ is the 20% darker color. If you saturate the color by 10%, you get $28.1996, 0.3864, 0.4267$, and if you desaturate by 10%, it is $30.1709, 0.3538, 0.3851$.

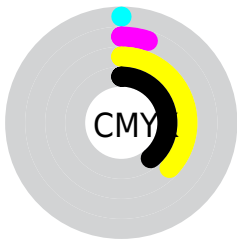
Distribution



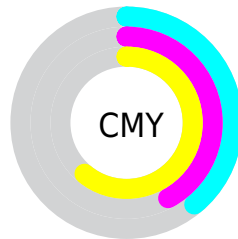
- Red (61%)
- Green (58%)
- Blue (39%)



- Red (42%)
- Yellow (61%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (39%)




- Cyan (39%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1486, 0.3702, 0.4064 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 29.1486, 0.3702, 0.4064 by changing the saturation by 10% instead.


 29.1486, 0.3702,
0.4064


 29.1486, 0.3702,
0.4064

297.9154, 0.3399,
0.3647

 19.1933, 0.3781,
0.4177


 58.3131, 0.3589,
0.3906


 11.8100, 0.3882,
0.4326


 78.2911, 0.3548,
0.3848

 6.6144, 0.4014,
0.4529


 102.3787, 0.3513,
0.3800

 3.2222, 0.4209,
0.4842

 130.9603, 0.3483,
0.3760

 1.2488, 0.4566,
0.5434

164.4204, 0.3458,
0.3725

 0.1010, 0.0000,
1.0000

203.1434, 0.3436,

 0.0000, 0.0000,

0.3696

0.0000

247.5136, 0.3416,
0.3670

■ 29.1486, 0.3702,
0.4064

■ 29.1486, 0.3702,
0.4064

■ 28.1996, 0.3864,
0.4267

■ 30.1709, 0.3538,
0.3851

■ 27.3164, 0.4018,
0.4450

■ 31.2657, 0.3377,
0.3636

■ 26.4968, 0.4158,
0.4605

■ 32.4371, 0.3223,
0.3424

■ 25.7364, 0.4277,
0.4722

■ 33.6880, 0.3078,
0.3221

■ 25.0305, 0.4371,
0.4798

■ 35.0208, 0.2944,
0.3029

■ 24.3718, 0.4439,
0.4832

■ 36.4382, 0.2821,
0.2850

■ 24.1510, 0.4460,
0.4841

■ 37.9423, 0.2709,
0.2685

■ 39.5354, 0.2607,
0.2533

■ 41.2198, 0.2515,
0.2395

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.1486, 0.3971, 0.3840



29.1486, 0.3702, 0.4064



29.1486, 0.3288, 0.4073

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.1486, 0.3702, 0.4064



29.1486, 0.2322, 0.2975



29.1486, 0.3371, 0.2834

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.1486, 0.3702, 0.4064



15.5613, 0.2501, 0.2374

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.1486, 0.2917, 0.2629



29.1486, 0.3702, 0.4064



29.1486, 0.2339, 0.2685

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.1486, 0.3702, 0.4064



29.1486, 0.2502, 0.3396



29.1486, 0.2548, 0.2571



29.1486, 0.3781, 0.3144

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.1486, 0.3702, 0.4064



29.1486, 0.2991, 0.3931



29.1486, 0.2548, 0.2571



29.1486, 0.3217, 0.2752

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.1499, 0.3702, 0.4064



57.9005, 0.3294, 0.3522



17.0592, 0.3850, 0.3150



12.6828, 0.3313, 0.3548



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.1499, 0.3702, 0.4064



51.4961, 0.3837, 0.4234



29.9177, 0.3446, 0.4243



7.5616, 0.3264, 0.3481



19.9287, 0.4458, 0.4842



0.3959, 0.4338, 0.4938

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.5613, 0.2501, 0.2374



23.0894, 0.2339, 0.2123



15.2356, 0.2706, 0.2283



6.5780, 0.2988, 0.3092



2.4788, 0.1537, 0.0734



0.0820, 0.1675, 0.1229

Previews

White Background



This preview shows how the Yxy color 29.1486, 0.3702, 0.4064 looks on a white background.

Color Contrast Check

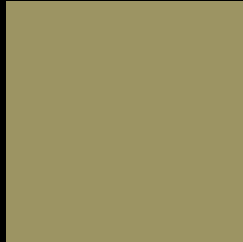
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 29.1486, 0.3702, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

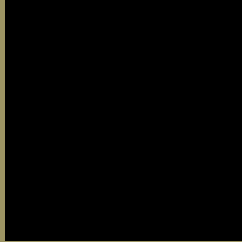
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.1486, 0.3702, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 29.1486, 0.3702, 0.4064.



This preview shows how white text looks on a background with the Yxy color 29.1486, 0.3702, 0.4064.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.1486, 0.3702, 0.4064

Protanopia

29.1392, 0.3741, 0.4040

Deuteranopia

29.2194, 0.3950, 0.3876



Tritanopia

28.9981, 0.3242, 0.3125

Trichromacy



Original Color

29.1486, 0.3702, 0.4064

Protanomaly

29.0374, 0.3730, 0.4043

Deuteranomaly

29.3016, 0.3862, 0.3952

Tritanomaly

29.1136, 0.3413, 0.3461

Monochromacy



Original Color

29.1486, 0.3702, 0.4064

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.5058, 0.3338, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1486, 0.3702, 0.4064 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 148, 99)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 99)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 148, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 99) }
```

Border

The CSS property to change the border of an element to Yxy 29.1486, 0.3702, 0.4064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 148, 99) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(156, 148, 99) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(156, 148, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 99);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1486, 0.3702, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 99) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
148, 99) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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